| Index o | f Claims |
|---------|----------|
|         |          |

| Application No. Applicant(s) |                   |  |  |  |  |  |
|------------------------------|-------------------|--|--|--|--|--|
| 10/628,672                   | GAMBINI, GIOVANNI |  |  |  |  |  |
| Examiner                     | Art Unit          |  |  |  |  |  |
| Jason Prone                  | 3724              |  |  |  |  |  |

| 1 | Rejected | - | - | (Through numeral)<br>Cancelled |
|---|----------|---|---|--------------------------------|
| = | Allowed  |   | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

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|---------------|----------------------------|----------------------------|----------|---|----------|--------------|----------------|--------------|----------|----------|-----|
| <u> </u>      |                            | _                          |          | 7 |          | _            |                | -            | -        |          | 7   |
| Cl            | aim                        | 丄                          |          | _ | 1        | Da           | te             | ÷            | :        | -        | 4   |
| Final         | Original                   | 6/22/04                    | 10-6-24  |   |          |              |                |              |          |          |     |
|               | 1                          | V                          | V        | Γ | Τ        |              | 1              | 7            | 1        | Т        | 7   |
|               | 1<br>2<br>3<br>4<br>5      | \<br>\<br>\<br>\<br>\<br>\ | V        | Τ | Т        | T            | T              | Τ            | T        | 1        | ٦   |
|               | 3                          | V                          | 17       | Π | 1.       | T            | 1              | T            | T        | Т        | 7   |
|               | 4                          | V                          | V        |   | T        | T            | T              | T            | T        | T        | 1   |
|               | 5                          | Ì                          | 7        | Ī | 1        | T            | 1              |              | $\top$   | T        | 7   |
|               | 6                          | V                          | 7        |   | T        |              | T              | T            | Т        | T        | 1   |
|               | 6<br>7                     |                            | 7        | Γ | 1        | 1            | 1              |              | 1        | 1        | 1   |
|               | 8                          |                            |          | Γ | 1        |              | 1              |              | 1        |          | 1   |
|               | 9                          | 4 3                        |          | Γ | 1        | $\top$       | Т              |              | 1        | 1        | 1   |
|               | 10                         | 2                          |          |   | Т        | T            | T              |              | Г        | Τ        | 1   |
|               | 11                         |                            |          | Г | Т        | 7            | Т              |              | Г        | 1        | 1   |
|               | 12                         |                            |          |   | T        |              | Т              |              | Т        | T        | 1   |
|               | 11<br>12<br>13             |                            |          | Г | Г        | Г            | Т              | Т            | Г        |          | 7   |
|               | 14                         |                            |          | Г | T        |              | Τ              |              | Τ        | Т        | 1   |
|               | 14<br>15                   | Г                          |          | Г |          | Т            | Т              | Т            | Т        | T        | 1   |
|               | 16<br>17                   | Г                          |          |   |          | Τ            | 1              | T            | Г        | Т        | 1   |
|               | 17                         |                            |          |   | F        |              | Τ              |              | 1        | 1.       | 1   |
|               | 18<br>19                   |                            |          |   | 1        | Т            | Т              |              | Τ        | Τ        | 1   |
|               | 19                         | Г                          |          |   | T        | Τ            | T              |              | T        | T        | 1   |
| _             | 20                         |                            |          |   |          | 1            | Т              |              | T        | 1        | 1   |
|               | 21                         |                            |          |   | Т        | Т            | T              | 1            |          | Τ        | 1   |
|               | 21<br>22                   |                            |          |   |          | Т            | 1              |              | П        | Т        | 1   |
|               | 23<br>24<br>25<br>26<br>27 | П                          |          |   | П        |              | Т              |              | Г        |          | 1   |
|               | 24                         |                            | :        |   |          | T            | П              |              | Γ        |          | 1   |
|               | 25                         | - 1                        |          |   |          |              | Π              | Π            | Г        |          | ]   |
|               | 26                         | -                          |          |   |          |              | П              |              | Π        | Γ        | ]   |
|               | 27                         |                            |          |   |          | -            |                |              |          |          | ]   |
|               | 28<br>29<br>30<br>31       |                            |          |   | :        |              |                | $oxed{oxed}$ |          |          | ]   |
| Ш             | 29                         |                            | =        |   | :        | -            |                | -            |          |          |     |
|               | 30                         |                            |          | • | Ė        |              | L              |              | L        |          | 1   |
|               | 31                         |                            | ;        |   | <u> </u> | L            | 乚              |              | 匚        | <u> </u> | 1   |
|               | 32<br>33                   | , i                        |          | _ | Ŀ        |              | L              |              | L        | L        | 1.  |
|               | 33                         | - 1                        |          |   | L_       | L            | L              | L            | L        | <u> </u> | Į   |
|               | 34                         |                            |          |   | <u> </u> | L            | <u> </u>       | L            | <u> </u> | _        | l   |
|               | 35                         | $\dashv$                   |          |   | <u> </u> | L            | <b> </b> _     | -            | L        | _        | ľ   |
|               | 36                         |                            | <u>:</u> |   | Ŀ        | _            | <del> </del> _ | ㄴ            | <u> </u> | <u> </u> | Į   |
| $\sqcup$      | 37                         |                            |          | _ | <u> </u> | Ŀ            | ╙              |              | _        | <b>!</b> | l   |
|               | 38                         | _                          | -        |   | <u> </u> | Ļ.,          | ļ              | _            | ļ        | L        | l   |
|               | 39                         | -                          | 4        |   | -        | _            | <b>!</b>       | _            | ļ_       | <u> </u> |     |
| $\rightarrow$ | 40                         | -                          | $\dashv$ |   | -        | <del> </del> | <del> </del>   |              | $\vdash$ | -        | l   |
|               |                            | -1                         |          | _ | -        | -            | ļ              |              | <u> </u> |          | l.  |
|               | 42                         | -                          | $\dashv$ | - | _        | -            | <b>!</b>       | -            | _        | -        | ĺ   |
|               | 43                         | - ,                        | 2        |   | _        | -            | -              |              | $\vdash$ | $\vdash$ | 1   |
|               | 44                         |                            | _        | - | _        |              | <del> </del>   | H            |          | Н        | ŀ   |
| -             | 45                         | -                          | 4        |   | _        | H            | <del> </del>   | -            |          | Н        | ľ   |
|               | 46<br>47                   | $\dashv$                   | - 1      |   |          |              | <u> </u>       |              | _        | <u> </u> |     |
|               |                            | -+                         | -        |   | -        | -            | -              | Н            |          | Н        |     |
|               | 48                         | $\dashv$                   | +        | - |          | H            | H              | Н            | -        | Н        |     |
|               | 49                         |                            | -        | _ | _        | <u> </u>     |                | Н            | _        | 1        |     |

| <u></u> C | laim                 | 4            |          | _                                      |          | Da           | te           |  |  |   |
|-----------|----------------------|--------------|----------|--|----------|--------------|--------------|--|--|---|
| Final     | Original             |              |          |  |          |              |              |  |  |   |
|           | 51                   | T            | T        | *                                      | T        | T            |              | T  | $\top$   | T   |
|           | 52                   | Ι            |          | I                                      |          |              | I            |  |  |   |
|           | 53                   | $\perp$      | L        | L                                      | L        |              | 1_           |  | $\perp$  | 1_  |
|           | 54                   |              | $\bot$   | 1                                      | 上        | $\perp$      | $\perp$      | 1  | $\perp$  | ┸   |
|           | 55                   | 1            | ↓_       | 4                                      | ╀        | -            | ╀            | 1  | 1  | 4   |
| -         | 56                   | +            | +        | +-                                     | ╁        |              | +-           | +-   | +-   | ╄   |
| -         | 57<br>58             | ╁            | +        | ╁                                      | ╁        | ╀            | ╁            | ╁  | +  | ╁   |
| -         | 59                   | ╁            | ╫        | +-                                     | ╁        | ╁╌           | ╁            | ╁  | ╁  | ╁╌  |
|           | 60                   | +            | T        | t                                      | $^{+}$   | t            | t            | t  | +  | +   |
|           | 61                   | $\top$       | 1        | 1                                      | T        | $\top$       | T            | $\top$   | 1  | T   |
|           | 62                   |              |          |  | Τ        |              |              |  | 1  |   |
|           | 63                   | Γ            | L        | L                                      | L        |              | -            | $\Box$   |  | L   |
|           | 64<br>65             | 丄            | L        | 1_                                     | L        |              | 1_           | 上  | _  | $oxed{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |
|           | 65                   | ╀            | ↓_       | 1                                      | 1        | 4-           | <del> </del> | 1  | 1_   | ļ   |
|           | 66                   | ╀-           | ╀        | 4                                      | +-       | 1            | ╂-           | ╀  | ╄  | ╀   |
| ⊢         | 67<br>68             | $\vdash$     | ╀        | ╀                                      | ╀        | ╀            | ╀            | ╂╌   | ╁╌   | ╁   |
| -         | 60                   | H            | +        | ╁                                      | ╁        | ╁            | ╁            | +  | ╁  | ╁   |
| -         | 69<br>70<br>71<br>72 | ╁            |          | ╁                                      | ╁        | ╁            | ╁            | ╁  | ╁╴   | ╁╌  |
| 1         | 71                   | †            | 1        | †                                      | $\vdash$ | ✝            | ϯ            | †-   | 1  | $\vdash$  |
|           | 72                   | 1            | $\vdash$ | $\top$                                 | 十        | 1            | 1            | 1  | T  | T   |
|           | 73<br>74             |              |          |  |          |              |              |  |  |   |
|           | 74                   |              | $\Box$   | oxdot                                  | L        | Ŀ            | L            | $oxed{\Box}$                                     |  |   |
|           | 75                   | ╙            | ┺        | ┺                                      | L        | ↓_           | 1_           | 1  | L  | L   |
| <u> </u>  | 76<br>77             | ↓_           | ╀        | ┞-                                     |          | ╄            | -            | ├-   | ├  | -   |
| <u> </u>  | 70                   | -            | -        | <u> </u>                               | H        | ┼            | <del> </del> | ├-   | ⊢  | ┢   |
|           | 78<br>79             | -            | ┼        | -                                      | -        | ╁            | -            | -  | ⊢  | ⊢   |
| _         | 80                   | -            | H        | $\vdash$                               | -        | +-           | ┢            | ╁  | -  | ┢   |
|           | 81                   | ╁            | -        | 1                                      | +        | ╁╌           | ╁╌           | ╁╌   | ┼─   | -   |
| 1         | 82                   |              | 1        | 1                                      | T        | _            |              | 1  | Т  | 1   |
| -         | 83                   |              | $\vdash$ | Т                                      | T        |              | $\vdash$     | 一  | <del>                                     </del> | T   |
|           | 84                   |              |          |  |          |              |              |  |  |   |
|           | 85                   |              |          | L                                      | L        | L            |              | L  |  |   |
|           | 86                   | 1            | <u></u>  | ㄴ                                      | ┖        | ╙            | <u> </u>     | ╙  | Ļ  | _   |
| <u> </u>  | 87                   |              | L        | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | ļ٠           | ╙            | ┡  | <u> </u>   | ┞   |
| ├—        | 88<br>89             | ┢            | ⊢        | -                                      | H        | ⊢            | ⊢            | ├-   | <u> </u>   | -   |
| ├─        | 90                   | ┢            | -        | ⊢                                      | ⊢        | ├            | ⊢            | ╁  | H  | ┝   |
|           | 91                   | H            | $\vdash$ | Н                                      | H        | ┝┈           | ⊢            | ┢  | ⊢  | ⊢   |
|           | 92                   | ┢            | ┝        | ┝                                      | ┢        | $\vdash$     | $\vdash$     | -  |  | -   |
|           | 93                   | Г            | $\vdash$ | _                                      | $\vdash$ | <del> </del> | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$  |
|           | 94                   |              | Т        | T                                      | $\vdash$ | $\vdash$     |              | Т  |  | _   |
|           | 95                   |              |          |  |          | Γ            |              |  |  |   |
|           | 96                   |              |          |  |          |              |              |  |  |   |
|           | 97                   | $oxed{\Box}$ |          | Ш                                      |          |              | L            | L  |  |   |
|           | 98                   | L            | _        | <u> </u>                               | L        | $\vdash$     |              | L  | Н  | _   |
|           | 99                   | ļ.,          | H        |  | $\vdash$ | H            |              | $\vdash$   | $\vdash$   | _   |
|           |                      |              |          |  |          |              |              |  |  |   |

| CI       | aim        |          |          |          | _        | Dat      | le   |          |  |              |
|----------|------------|----------|----------|----------|----------|----------|--|----------|--|--------------|
|          | 1          |          | Γ        | Γ        | Π        | Γ        |  |          |  |              |
| Final    | Original   |          |          |          | ı        |          | ı  | 1        | 1                                      | 1            |
| ਛੋ       | Ĕ          |          | ľ        | 1        | 1        | ١.       |  | ı        |  |              |
|          |            |          | L        | L        | L        | 1_       |  |          |  |              |
|          | 101        |          |          | L        |          |          | L  | 乚        | _                                      |              |
|          | 102        | _        | _        | L        | 丄        | 1        | _  | <u> </u> | <u></u>                                | $\perp$      |
|          | 103        |          | L        | Ŀ        | ┖        | 丄        | ╙  | _        |  | oxdot        |
|          | 104        |          | L        | _        | 上        | ┺        | <u> </u>   | _        | ــــــــــــــــــــــــــــــــــــــ | <u> </u>     |
| -        | 105        |          | L        | ╄-       | ╄        | ╄        | ╀  | ┞        | ╄                                      | <del> </del> |
|          | 106        |          |          | 1        | ╀        | +        | ╀  | ┞        | -                                      | Н            |
|          | 107        | _        | -        | ╀        | ╀        | 1        | ₽  | $\vdash$ | ⊢                                      | -            |
| }        | 108<br>109 |          | -        | ╀        | ╁╌       | ┰        | ╁  | ┢        | $\vdash$                               | -            |
|          | 110        |          | H        | ╫╌       | ╁        | +        | ╁  | ╁╌       | ╌                                      | ₩            |
|          | 111        | _        | -        | ÷        | H        | ╁        | ╁  | ⊢        | ╌                                      | Н            |
|          | 112        |          | -        | ╁.       | ╁╴       | -        | $\vdash$   |          | $\vdash$                               | Н            |
|          | 113        |          | +        |          | t        | t        | <del>                                     </del> | ┢╌       | 1                                      | Н            |
|          | 114        | _        | +        | 1        | 1        | 1        | $\vdash$   | H        | t                                      | H            |
|          | 115        |          | -        |          | T        | 1        | $\vdash$   | Т        | $\vdash$                               | $\vdash$     |
|          | 116        |          |          |          | T        | 1        |  | Γ        | Γ                                      | П            |
|          | 117        | _        |          | $\vdash$ | Τ        | $\top$   |  | Г        | Τ                                      | 11           |
|          | 118        |          |          | T        |          |          | Т  |          |  | П            |
|          | 119        |          |          | -        |          |          |  |          |  |              |
|          | 120        |          |          | $\Box$   |          |          |  |          |  |              |
|          | 121        |          |          | 1        |          |          |  |          |  |              |
|          | 122<br>123 |          | . 1      |          | L        | 乚        | L  | L        | _                                      | Ш            |
|          | 123        |          | i        | L.       | ┖        | ŀ        | ╙  |          |  | Щ            |
|          | 124        |          | :        | L        | ┖        | ┺        | 匚  | <u> </u> | <u> </u>                               |              |
| $\vdash$ | 125        |          | :        | L        | <u> </u> | <u> </u> | _  | ļ        | <u> </u>                               | Н            |
|          | 126        | _        |          | -        | ⊢        | _        | L  | _        | ⊢                                      | Н            |
| 1        | 127        | $\dashv$ |          | <u> </u> | ├-       | ř.       | -  | $\vdash$ | -                                      | $\vdash$     |
| $\vdash$ | 128<br>129 | $\dashv$ | ÷        | -        | ├        | ╀        | ├  | ⊢        | -                                      | Н            |
| $\vdash$ | 130        | $\dashv$ | ÷        |          | ⊢        | ⊢        | ├  | $\vdash$ | -                                      | Н            |
| +        | 131        | $\dashv$ |          |          |          | ╁        | -  | -        |  | Н            |
| $\vdash$ | 132        |          |          | ┢        | ╫┈       | ├        | -  | -        | _                                      | Н            |
| 1        | 133        | ᅥ        | 1        |          | 1-       | -        |  | -        | _                                      | H            |
|          | 134        | ᅥ        | -        | _        | Т        |          | Г  | Π        |  | Н            |
|          | 135        |          |          |          |          |          |  |          | ,                                      |              |
|          | 136        |          |          |          |          |          |  |          |  |              |
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|          | 139        | $\Box$   |          |          |          |          |  |          |  |              |
|          | 140        | $\perp$  |          |          |          | Щ        | Ш  |          |  |              |
|          | 141        | $\perp$  |          |          |          | Ш        |  |          |  |              |
| $\sqcup$ | 142        | 4        |          |          | <u> </u> | Ш        |  | _        | _                                      | Ш            |
|          | 143        | 4        | _        |          | _        | Ш        |  |          | $\sqcup$                               |              |
| -        | 144        | 4        |          | -        | _        | Щ        | Щ  | _        |  | $\dashv$     |
| $\vdash$ | 145        | 4        | 4        |          |          | H        | 4  | 4        | _                                      | $\dashv$     |
| $\vdash$ | 146        | +        | ÷        | ii.      | _        | ÷        | $\dashv$   | 4        |  | $\dashv$     |
| -        | 147        | +        | £        | -        | -        |          | -  | -        | -                                      |              |
| - 3      | 148        | +        | $\dashv$ |          | -        | $\vdash$ | $\dashv$   |          | $\dashv$                               |              |
| -        | 150        | +        | $\dashv$ | -        | -        | $\dashv$ | $\dashv$   | $\dashv$ | -                                      | $\dashv$     |
|          | 130]       |          | Ļ        |          |          |          |  | 1        |  |              |